

Fig. 1

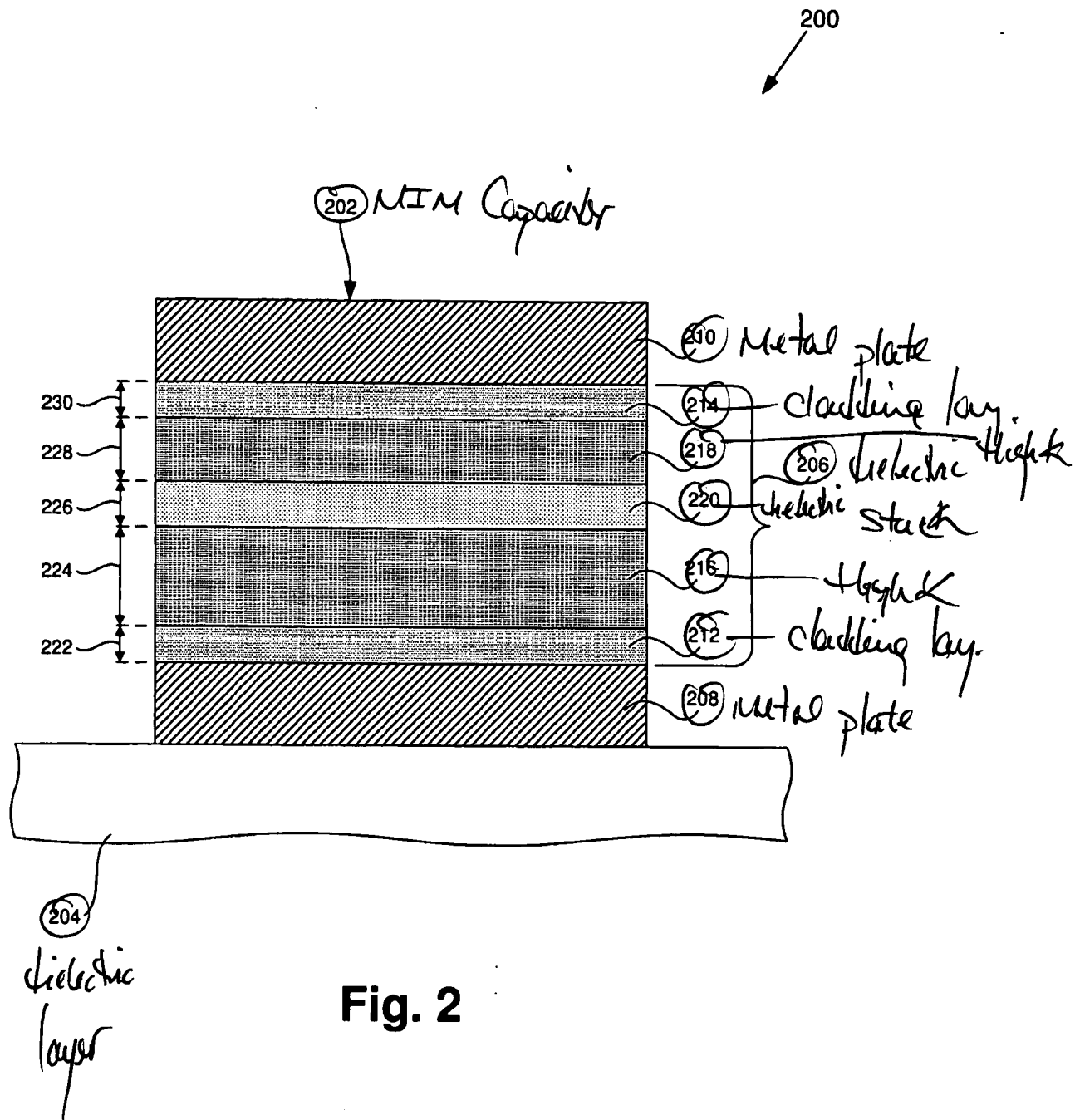
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$$106 = TiN$$

$$108 = Al_2O_3 = 112$$

$$110 = Ta_2O_5 \text{ or } HfO_2$$

$$114 = TiN$$



$$210 = 208 = \text{Ti/TiN} = \text{Ti/TiN/Al} = \text{Ti/TiN/Cu} \quad \left| \quad \begin{array}{l} 218 = \text{Ta}_2\text{O}_5 = \text{HfO}_2 \\ 214 = \text{Al}_2\text{O}_3 \end{array} \right.$$

$$212 = \text{Al}_2\text{O}_3$$

$$216 = \text{Ta}_2\text{O}_5$$

$$220 = \text{Al}_2\text{O}_3 = \text{ZrO}_2 = \text{Si}_3\text{N}_4 = \text{SiO}_2$$

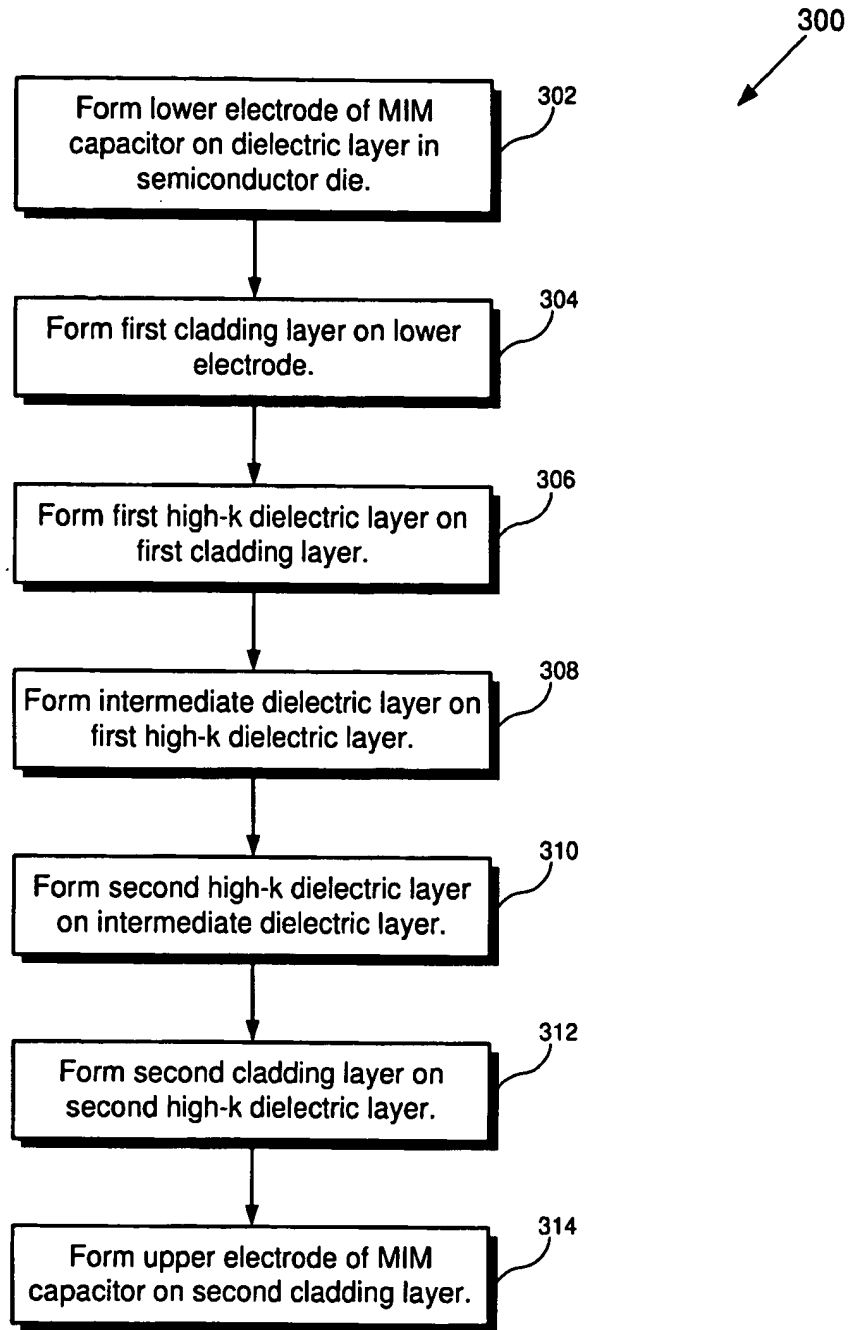


Fig. 3